

2019 WSU Variety Testing Soft Winter Irrigated Wheat Trial, Pasco

Variety Name	2018				2 Year	3 Year	5 Year
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
<i>Released Varieties</i>							
Rosalyn	151	60.4	10.6	36	120	130	--
LCS Ghost (LWW14-74143)	151	59.4	10.6	37	125	135	--
SY Dayton	148	61.3	11.2	37	119	127	--
Xerpha	147	60.7	11.0	38			--
ARS-Castella (ARS20060123-31C)	145	61.5	11.5	39			--
Resilience CL+	145	62.7	12.4	35	113		--
LCS Hulk	144	62.8	11.6	39	117	128	--
PNW Hailey	143	62.3	11.3	40	118		--
LCS Drive	141	62.0	11.4	31	123	127	--
UI Sparrow	141	59.8	10.6	39			--
LCS Artdeco	140	62.6	11.1	33	120	127	--
SY Raptor	139	59.9	11.2	37	119		--
WB1529	139	63.2	11.0	35	118	123	--
LCS Shark	137	61.1	11.8	35	119	126	--
UI Castle CL+	137	60.5	12.2	39	106	114	--
Madsen	136	61.0	12.1	37			--
Purl (WA 8234)	135	61.7	12.4	38	114	122	--
WB1604	135	63.3	10.9	36	111	119	--
Bobtail	135	58.8	10.6	37	112	126	--
Norwest Duet	132	60.3	11.6	40	109	123	--
SY Assure	132	62.9	11.0	34	119	125	--
Norwest Tandem	130	61.9	10.6	34	113	121	--
WB1783	130	63.6	11.8	38	117	123	--
UI Magic CL+	130	62.4	11.5	34	107	117	--
SY Ovation	129	60.3	12.3	35	113	124	--
Dyna-Gro Impact	128	61.5	11.4	35	107		--
M-Press	127	61.6	11.5	36			--
Puma	126	61.3	12.4	40	106	118	--
Jasper	121	57.7	12.4	36	101	117	--
WB1376CLP	118	63.2	12.8	38	101	109	--
ARS-Crescent	114	61.3	11.8	38			--
<i>Experimental Lines</i>							
WA 8307	151	59.2	10.3	37			--
LWW15-71945	150	60.4	10.7	37	124		--
UIL 17-6268 CL+	146	62.4	11.5	33			--
WA 8306 CL+	145	61.9	10.6	39			--
LWW15-71682	143	63.5	11.2	34			--
LWW15-71898	143	60.8	11.0	35			--
OR2121086	142	62.5	11.7	38	112	116	--
WA 8293	140	60.3	11.8	38	111		--
IDO1808	140	59.7	11.5	38			--
ORCF-102	140	62.4	11.4	40			--
11PN042#64	139	61.3	11.4	34			--
WA 8275 CL+	135	61.3	11.8	36	108		--
UIL 09-15702A	134	61.3	12.7	39			--
ORI2161250 CL+	133	62.4	12.6	37			--

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ARS09X492-6CBW	132	61.1	12.2	37			--
ARSDH08X117-83C	131	61.6	11.7	37			--
WA 8305 CL+	131	62.0	11.1	38			--
11PN044#84	129	62.2	10.9	36			--
UIL 07-28017B	129	59.8	12.8	36	115	123	--
YS-201	128	61.3	12.2	37			--
06PN212-25	127	61.4	11.7	36			--
IDO1810	124	61.1	11.8	38			--
ORI2150031 CL+	106	60.8	12.8	37	87	99	--
C.V. %	7	2.0	8.1	4	7	6	
LSD (0.05)	13	1.7	1.3	2	8	6	
Average	136	61.4	11.6	37	113	122	
Highest	151	63.6	12.8	40	125	135	
Lowest	106	57.7	10.3	31	87	99	

Agronomic Information

Planting Date:	10/5/2018
Harvest Date:	7/19/2019
Seeding Rate (seeds/ft ²):	24
Previous Crop:	Potatoes
Spring soil test:	
N (lb/ac) 4-ft sample	54
P (ppm-bicarb) 2-ft sample	24
S (lb/ac) 2-ft sample	26
pH (top 6 inches)	7.8
Herbicide:	

Trial Notes:

Overall yield was 53% greater than 2018 and test weight were also much greater.

Cooperator J Macbeth